



TECHNICAL SPECIFICATION

**Khorasan Electric Ind. Co.**



Wire 1 x 120 (N)YAF				
P.V.C - insulated ,non Sheathed,Single-Core Cable with Flexible Conductor For internal Wiring, 450/750 V ACC.ISIRI(607)02				
Cable Layer Construction		CU , PVC		LV
Applicable Standard(s)		IEC 60227 & ISIRI 607 & IEC 60228 & DIN VDE 0295		
Description			Unit	Specification
CONDUCTOR	CU	Material	****	Plain Annealed Copper
		TYPE	****	Flexible ( Class 5 ) RF
		No.of core & Conductor Area	no (mm <sup>2</sup> )	1 x 120
		No & Dia of Wire	no (mm)	570 x 0.49
		Shape	****	ROUND
INSULATION	PVC	Material	****	Extruded PVC
		Thickness	mm	1.6
		Colour	****	Yellow : Green
Overall diameter ( Approx. )			mm	17.9
Cable Weight ( Approx. )			Kg / km	1,125
Packing			****	Drum & Reel
Rated Voltage Uo/U			V	450 / 750
System Frequency			Hz	50
DC conductor resistant At 20 °C			Ω/ Km	0.161
Test voltage			KV	2.5
Max.Short circuit withstand current temperature			°C	+ 160
OPERation temperature			°C	- 30 to +70
Special Proerties		Flame Retardant		IEC 60332-1-2
(افشار نژاد) KHORASAN ELECTRIC IND.CO ISIRI(607)02 6950954946 H07V-K 450/750V 1x120 mm2 RF MADE IN IRAN CE				

*Shafiei*